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7. *Nitella mucronata*, A. Br.—From Mr. Frost.
8. *Nitella gracilis*, Sm.—From Mr. Frost.
9. *Nitella batrachosperma*, A. Br.—From Mr. Frost.
10. *Chara coronata*, var. *Schweinitzii*, A. Br.—I have gathered in New Jersey, and have also received from Mr. Frost.
11. *Chara crinita*, Wallr.—I gathered in 1869, in brackish water Montauk Point, L. I. I found only female specimens. Prof. Braun says it has not before been known from America, and that in Europe the male plants are exceedingly rare and in the Baltic sea altogether wanting. He was interested in finding the next species mixed with it, as they are always associated in Europe.
12. *Chara aspera*, Willd.—with the last.
13. *Chara fragilis*, Desv. (*C. vulgaris*, L.)—common in Litchfield Lake, Ct., and in various localities; sent by Mr. Frost.
14. *Chara gymnopus*, var. *elegans*, A. Br., in litt.—found at Peekskill, N. Y., by Mr. Le Roy. Prof. Braun says that it approaches the var. *trichacantha* from Texas, S. C., and Florida. T. F. A.

16. *Gnaphalium polycephalum*, Mchx.—I have seen now and then in Westchester Co., but I think not very abundantly. I think it prefers a barren *limestone* soil; at least I have always seen it flourishing best in such soil.

*Senecio aureus*, L.—not the luxuriant typical form, but two forms rather depauperate, one of which I have marked var. *Balsamitæ*, I have found in considerable quantities on Staten Island.

I. H. H.

17. Judge G. W. Clinton, of Buffalo, had recently occasion to appeal to the Post Master General in relation to the postage of botanical specimens, and received the following decision.

“A liberal construction of the 222d section of the postal law would justify sending *Botanical Cuttings* at a lower rate of postage than letter rates, viz, 2 cents for each four ounces or fraction thereof, prepaid by stamps.”

Of course the sender must vouch for their being no manuscript, and fasten the bundle by strings, or, if pasted, leave the end open, superscribing, “Botanical specimens.”

18. *Anthers of Lemnæ*.—That the two anthers should expand at different times is very natural, as they represent two distinct flowers; that I always see: but I was surprised to find always the anterior or first stamen developed in my specimens of *Spirodela* from Staten Island; and now, since I learn that they were artificially raised, I suggest a better explanation than my previous one, viz, that from want of vitality under the circumstances only one, the first one, opened. In *Lemnæ* collected out of doors, “wild,” I find sometimes one, sometimes the other fully developed; and, if the second or posterior one is just opening, the other is always effete and elongated, a condition which I have never seen in this *Spirodela*. After shedding pollen the second also elongates, as in water *Callitriches*. It will be interesting to find what time inter-

venes, in fair weather, from the developement of one stamen to that of the other in Lemnæ. G. ENGELMANN.

The expression "artificially raised" is perhaps too strong to express the condition of plants found to be in a flowering stage and placed in a dish for a few days to allow them to show their blossoms. Eds.

19. Exchanges.—Chas. Keck, Ems, Upper Austria, desires to exchange European for American plants, through the proffered agency of the Smithsonian Institute.—A. H. Curtiss of Liberty, Virginia, wishes to exchange a large number of species for an equivalent made up by one or several N. Y. botanists. We have his marked catalogue.—Dr. I. S. Moyer, of Quakertown, Pa., wants U. S. plants; we have a partial catalogue.—Jacob Hammond, Victor, N. Y., local.—E. L. Hankenson, Newark, N. Y., especially Salicaceæ, Cyperaceæ, and Filices. Dr. Geo. Engelmann, of St. Louis, desires "an authentic native living plant (or joint) if possible with fruit," of our New York *Opuntia*, or Prickly Pear.

20. To Correspondents.—We are deficient in reports from Westchester Co., and New Jersey, especially the district between the Raritan and Ocean. We request the friends of the cause, in all directions, to search out the botanists, and bring them into communication with us. This year we hope to see a considerable accession to the number of our subscribers.

21. Publications received.—1. *Musci Appalachiani: Tickets of Species of Mosses collected mostly in the Eastern Part of North America*, by C. F. Austin, comprises a number of new species, and one new genus, *Micromitrium*. We hope to hear from the Cryptogamists of the vicinity.—2. *Archives of Science, and Trans. of the Orleans Co. Soc. of Nat. Sci., Newport, Vt., Vol. I., Nos. 1 & 2.* Among the contents are a general notice of the Flora of Vermont, by Prof. George H. Perkins; and a list of the Vermont Equisetaceæ and Filices, by Chas. C. Frost. Among the ferns, we notice the rare *Pellaea gracilis*, Hook., and *Woodsia glabella*, R. Brown.

22. Spring.—*Acer dasycarpum*, Ehr., was in full bloom in Brooklyn, Mch. 13th. J. S. M.

23. *Solidago elliptica*, Ait.—Mr. Olney has kindly sent his duplicates of this species to Dr. Torrey, for the benefit of the Club. In comparing the leaves in shape and texture with those of *S. altissima*, L., we meant not to imply any doubt of its affinity to *S. neglecta*, Torr. & Gray.

**HIERACIUM**, Tourn.—*H. Canadense*, Mchx.; New Jersey, Closter, *Austin*; Long Island, Union and Woodhaven, *Ruger*, Glen Cove, *Coles*; Westchester Co., *W. H. L.*—*H. scabrum*, Mchx.; N. Y., *O. W. M.*; common; but we have no report from Westchester Co. except the general statement in the State Flora, that it is "common in the vicinity of N. Y."—*H. Gronovii*, L.; common; but not re-